



## Crop Weather Report

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For the Week Ending:  
April 22, 2007

### Agricultural Summary

Above normal precipitation was received across the state last week. A total of 1.96 inches of precipitation was recorded near Rogers Pass, the most in Montana. On Friday, Shelby got 0.64 inches of moisture breaking the record for that day of 0.30 inches. Billings had 1.04 inches on Thursday, breaking the old record of 0.82 inches. Miles City reached 79 degrees, the highest for the week. West Yellowstone and Wisdom shared the low temperature of 15 degrees. Topsoil moisture adequate and surplus is 89 percent, above last week's 86 percent but the same as last year. Subsoil moisture adequate and surplus, at 71 percent, is better than last week's 67 percent and last year's rating of 70 percent.

The weather outlook for April 30 through May 6 is for above normal temperatures and below normal precipitation both east and west of the continental divide. Normal temperatures for this period in the state are for highs in the lower 50s to the mid 60s and for lows in the mid 20s to 40 degrees.

Soil Moisture Table	This Week	Last Week	Last Year	5 Yr Avg
<b>Topsoil Moisture</b>				
Very Short	3	3	1	14
Short	8	11	10	23
Adequate	79	76	72	56
Surplus	10	10	17	7
<b>Subsoil Moisture</b>				
Very Short	8	8	7	30
Short	21	25	23	31
Adequate	66	63	62	36
Surplus	5	4	8	3

### Field Crops Report

Forty-five percent of field work has not been started by farmers, compared with last week's 64 percent. Field activity progress should be well underway this coming week. Warm weather and moisture has winter wheat good and excellent at 70 percent, up from last week's 66 percent and last year's 68 percent. Planting progress of dry edible peas and oats are far ahead of the previous year.

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
<b>Winter Wheat – Spring Stages</b>				
Still Dormant	1	7	1	7
Greening	27	33	12	17
Greening and Growing	72	60	87	76
<b>Spring Wheat</b>				
Planted	18	6	13	21
<b>Durum Wheat</b>				
Planted	4	n/a	3	7
<b>Barley</b>				
Planted	26	14	21	30
Emerged	3	n/a	0	6
<b>Oats</b>				
Planted	22	5	11	18
<b>Dry Peas</b>				
Planted	27	5	8	n/a
<b>Corn</b>				
Planted	1	n/a	4	6
<b>Lentils</b>				
Planted	3	1	6	n/a
<b>Sugar beets</b>				
Planted	11	n/a	25	38

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Avg
<b>Winter Wheat</b>				
Very Poor	0	0	1	11
Poor	4	4	5	13
Fair	26	30	26	29
Good	51	54	51	36
Excellent	19	12	17	11

### Livestock Report

Warm temperatures and moisture should allow pastures to grow quickly, but there are reports that forage is still low at this time. Twelve percent of cattle and 9 percent of sheep are already moved to summer ranges. Forty-five percent of range and pastureland is rated good to excellent.

Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
<b>Range and Pasture Feed Condition</b>				
Very Poor	1	1	2	16
Poor	14	20	8	23
Fair	40	40	39	35
Good	38	32	39	22
Excellent	7	7	12	4
<b>Receiving Supplemental Feed</b>				
Cattle & Calves	78	89	72	n/a
Sheep & Lambs	76	93	76	n/a
<b>Livestock Grazing</b>				
Open	76	75	84	n/a
Difficult	11	17	9	n/a
Closed	13	8	7	n/a
<b>Moved to Summer Ranges</b>				
Cattle & Calves	12	n/a	n/a	n/a
Sheep & Lambs	9	n/a	n/a	n/a
<b>Livestock Birthing</b>				
Calving Complete	86	81	87	86
Lambing Complete	70	65	68	66

Weather Information for the Week ending 04/22/2007

Station ID	Precipitation												
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	Low	Avg	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
<b>NORTHWEST</b>													
Alberton	62	23	41	0	-7	0.45	+0.24	0.62	-0.04	94	11.23	+4.86	176
Anaconda	63	18	38	0	-1	1.22	+0.88	1.78	+0.87	196	7.90	+2.70	152
Clinton	62	21	39	0	-7	0.95	+0.74	1.33	+0.67	202	10.05	+3.68	158
Corvallis	63	24	41	0	-7	0.76	+0.55	0.97	+0.31	147	3.81	-2.58	60
Creston	62	27	42	0	-7	1.15	+0.80	1.53	+0.54	155	6.18	-3.06	67
Deer Lodge	63	21	39	0	+0	1.00	+0.83	1.22	+0.75	260	4.48	+1.14	134
Drummond	62	18	38	0	-7	0.85	+0.58	1.08	+0.36	150	4.82	-0.76	86
Hamilton	64	27	44	0	-7	0.86	+0.65	1.11	+0.45	168	5.09	-1.30	80
Kalispell	58	24	42	0	-7	0.63	+0.35	0.89	+0.13	117	6.79	-1.52	82
Missoula	61	25	43	1	-6	0.60	+0.39	0.75	+0.09	114	6.25	-0.12	98
Olney	57	21	38	0	-3	0.36	+0.01	0.47	-0.50	48	12.17	-1.15	91
Polson	58	26	43	0	-7	1.03	+0.75	1.64	+0.78	191	6.49	-0.98	87
St Ignatius	63	29	44	0	-7	0.99	+0.66	1.50	+0.57	161	6.85	-0.32	96
Seeley Lake	61	21	42	0	-4	0.34	+0.06	0.64	-0.25	72	11.18	-2.00	85
Sula	63	23	40	0	-7	1.21	+0.89	1.54	+0.63	169	6.92	-0.28	96
Superior	64	25	45	3	-7	0.79	+0.51	1.07	+0.23	127	10.88	+1.47	116
Swan Lake	60	25	40	0	-7	0.75	+0.38	1.89	+0.76	167	17.64	+0.45	103
Thompson Falls	58	27	41	0	-14	0.68	+0.33	1.45	+0.35	132	18.98	+4.07	127
West Glacier	60	26	43	0	-4	0.67	+0.25	1.42	+0.24	120	18.27	+1.25	107
<b>NORTH CENTRAL</b>													
Chester	62	24	42	0	-14	0.56	+0.36	1.83	+1.33	366	5.57	+2.66	191
Chinook	68	26	45	5	-11	1.33	+1.05	2.08	+1.36	289	5.87	+2.41	170
Choteau	64	24	42	2	-12	1.47	+1.27	1.75	+1.25	350	3.46	+0.99	140
Cut Bank	65	22	41	2	-5	0.29	+0.09	0.34	-0.16	68	0.82	-2.01	29
Ft Assinniboine	67	28	45	6	-11	0.84	+0.60	1.58	+0.93	243	5.09	+1.42	139
Fort Benton	70	27	44	3	-18	1.13	+0.84	2.13	+1.35	273	6.46	+1.56	132
Goldbutte	64	22	42	3	-8	1.22	+0.99	2.21	+1.60	362	6.33	+2.97	188
Harlem	69	24	45	6	-8	1.53	+1.32	2.39	+1.85	443	5.40	+2.25	171
Havre	67	25	45	7	-7	1.45	+1.24	2.11	+1.48	335	5.50	+1.88	152
Malta	72	29	50	19	+7	1.31	+1.08	1.59	+1.02	279	4.37	+1.17	137
Rudyard	64	26	42	0	-20	1.42	+1.16	2.52	+1.90	406	5.83	+1.83	146
Shelby	62	23	41	1	-10	1.49	+1.27	2.10	+1.55	382	5.50	+2.58	188
Turner	68	27	48	13	+1	1.25	+1.02	1.93	+1.36	339	3.76	+0.56	117
Valier	65	27	44	2	-9	1.21	+0.99	1.84	+1.29	335	3.78	+0.86	129
<b>NORTHEAST</b>													
Bredette	73	29	50	14	+5	0.06	-0.15	0.37	-0.14	73	3.40	+0.60	121
Culbertson	76	27	52	22	+10	0.09	-0.20	0.33	-0.44	43	3.64	+0.14	104
Glasgow	76	30	51	22	+8	0.38	+0.22	0.65	+0.22	151	2.76	+0.01	100
Glendive	76	36	56	45	+26	0.23	-0.05	0.92	+0.13	116	4.23	+0.46	112
Jordan	76	30	51	22	+6	1.40	+1.12	1.79	+1.03	236	4.10	+0.35	109
Nashua	76	28	52	28	+14	0.55	+0.39	1.03	+0.60	240	3.55	+0.80	129
Opheim	73	20	47	13	+6	0.00	-0.12	0.23	-0.04	85	2.22	-0.08	97
Plentywood	73	27	51	19	+12	0.10	-0.11	0.44	-0.09	83	2.78	-0.10	97
St Marie	72	30	51	17	+3	0.20	+0.04	0.47	+0.04	109	1.99	-0.76	72
Scobey	73	28	51	18	+9	0.27	+0.06	0.52	+0.01	102	2.84	+0.04	101
Sidney	75	32	54	34	+18	0.14	-0.14	0.75	-0.04	95	3.38	-0.55	86
Wolf Point	75	27	52	25	+10	0.08	-0.27	0.37	-0.59	39	2.02	-2.37	46
<b>CENTRAL</b>													
Cascade	62	20	41	0	-7	0.84	+0.54	1.83	+1.06	238	5.88	+1.36	130
Grass Range	67	29	46	3	-11	0.93	+0.56	1.93	+1.02	212	7.86	+2.77	154
Great Falls	64	30	43	6	-7	1.64	+1.29	2.39	+1.44	252	6.98	+1.16	120
Harlowton	71	24	44	1	-6	0.53	+0.29	1.56	+0.96	260	6.25	+2.26	157
Helena	65	28	44	4	-7	0.75	+0.54	0.82	+0.16	124	3.93	-0.17	96
Lewistown	65	24	40	3	-4	1.01	+0.72	1.52	+0.78	205	6.79	+0.68	111
Martinsdale	66	21	42	0	-7	0.20	-0.03	1.03	+0.47	184	4.70	+0.81	121
Neihart	64	21	41	0	-6	0.95	+0.57	1.97	+0.96	195	11.37	+3.87	152
Rogers Pass	62	28	41	0	-9	1.96	+1.69	2.21	+1.51	316	6.86	+2.87	172
Roundup	72	28	50	14	-6	1.13	+0.87	1.95	+1.31	305	6.40	+2.73	174
Ryegate	68	19	42	0	-7	0.77	+0.53	1.76	+1.15	289	6.08	+2.33	162
Stanford	62	26	42	0	-7	0.19	-0.13	1.42	+0.60	173	6.12	+1.07	121
Townsend	64	22	43	0	-14	0.46	+0.27	0.82	+0.33	167	3.79	+0.44	113
Valentine	69	29	45	3	-11	1.03	+0.73	1.52	+0.79	208	5.96	+1.87	146
Wht Sulphur Spr	64	22	41	0	-4	0.48	+0.22	0.97	+0.26	137	3.86	-2.45	61
<b>SOUTHWEST</b>													
Boulder	60	19	40	0	-7	0.25	+0.04	0.42	-0.10	81	3.62	-0.01	100
Bozeman	67	22	44	0	-7	0.72	+0.27	2.13	+0.86	168	12.61	+4.85	163
Butte	61	19	38	0	-7	0.61	+0.40	0.89	+0.27	144	4.84	+0.88	122
Dillon	65	26	42	2	-5	0.82	+0.61	1.08	+0.49	183	4.53	+1.64	157
Ennis	65	24	43	3	-4	0.79	+0.51	1.18	+0.40	151	6.63	+2.32	154
Lakeview	62	22	41	0	+0	0.47	+0.12	0.95	-0.19	83	7.81	-1.43	85
W Yellowstone	61	15	33	0	+0	1.05	+0.70	1.60	+0.50	145	8.54	-3.75	69
Wisdom	58	15	35	0	+0	0.68	+0.47	0.98	+0.41	172	6.82	+2.46	156
<b>SOUTH CENTRAL</b>													
Billings	71	32	48	9	-5	1.06	+0.64	2.20	+1.01	185	8.04	+1.38	121
Cooke City	63	22	42	0	+0	0.56	+0.14	1.44	+0.14	111	7.33	-5.79	56
Gardiner	62	21	41	0	-7	0.09	-0.05	0.33	-0.08	80	4.15	+0.29	108
Hardin	76	33	53	24	+10	1.00	+0.55	1.20	-0.06	95	6.58	-0.18	97
Huntley	76	28	47	7	-7	1.19	+0.81	2.30	+1.25	219	7.09	+1.86	136
Hysham	75	33	51	15	-4	0.90	+0.56	2.06	+1.18	234	7.25	+2.73	160
Joliet	71	24	46	8	-6	0.69	+0.22	1.80	+0.53	142	7.67	+1.14	117
Livingston	69	24	44	4	-3	0.56	+0.20	2.04	+1.11	219	8.11	+2.75	151
Nye	66	28	46	2	-5	0.47	+0.11	1.76	+0.83	189	6.98	+1.62	130
Rapelje	70	25	47	8	+1	0.63	+0.31	1.71	+0.81	190	6.09	+0.33	